

L# ANSWER 101 OF 104 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 1972:33810 CAPLUS  
DN 76:33810  
TI

.beta.-[2-[2-( \*\*\*Perfluoroalkyl\*\*\*  
)ethylsulfonylamino]ethyl]dimethylammonio  
propionates

IN Bertocchio, Rene; Foulletier, Louis

PA Uguine Kuhlmann

SO Ger. Offen., 7 pp.

CODEN: GWXXBX

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
------------	------	------	-----------------	------

PI DE 2120868	A	19711118	DE 1971-2120868	19710428
DE 2120868	C2	19840517		
FR 2088941	A5	19720107	FR 1970-15836	19700430
FR 2128028	A6	19721020	FR 1971-6914	19710301
FR 2128028	B2	19730511		

PRAI FR 1970-15836 19700430

FR 1971-6914 19710301

AB The title compds.,  $\text{CF}_3(\text{CF}_2)_n\text{CH}_2\text{CH}_2\text{SO}_2\text{NHCH}_2\text{CH}_2\text{N}+\text{Me}_2\text{-CH}_2\text{CH}_2\text{CO-2}$  (I,  $n=5, 7$

or 9), useful as surfactants in e.g. textile industry, were prepd. by reaction of  $\text{CF}_3(\text{CF}_2)_n\text{CH}_2\text{CH}_2\text{SO}_2\text{NHCH}_2\text{CH}_2\text{NMe}_2$  (II) with .beta.-propiolactone (III). Thus, reaction of 50 g II ( $n=7$ ) with 6 g III in  $\text{Me}_2\text{CO}$  for 1 hr gave 49.1 g I ( $n=7$ ).

IC C07C; C11D

DT \*\*\*Patent\*\*\*

LA German

EV979440200